Philips
In-Ear Headphones

SBCHE590

Surround yourself with music

patented virtual surround sound design

Virtual Surround Sound in-ear headphones with innovative reflected-speaker design adds an extra dimension to music on the move

Music to your ears
- 24k gold-plated plug ensures an ultra reliable connection
- Copper Cladded Aluminium Wire improves sound quality
- Neodymium magnet enhances bass performance and sensitivity
- Virtual Surround design for a realistic, comfortable sound

Made to fit you and your lifestyle
- 15mm speaker driver optimizes wearing comfort
- Asymmetric cable keeps the cable out the way

Always ready to go
- A 1.2m long cable that is ideal for outdoor use
- Carrying case protects your headphone when not in use
- Durable Flexi-Grip makes a strong flexible connection
- In-line control that simplifies volume adjustment

PHILIPS
sense and simplicity

Specifications

Sound
- Acoustic system: open
- Diaphragm: Mylar dome
- Magnet type: Neodymium
- Voice coil: CCAW
- Frequency response: 16 - 22 000 Hz
- Impedance: 16 ohm
- Maximum power input: 50 mW
- Sensitivity: 106 dB
- Speaker diameter: 15 mm
- Type: Dynamic

Connectivity
- Cable Connection: two-parallel, symmetric
- Cable length: 1.2 m
- Connector: 3.5 mm
- Finishing of connector: gold-plated
- Type of cable: OFC

Convenience
- Volume control

Accessories
- Included: transport case

Inner Carton
- Gross weight: .618 kg
- Inner carton (L x W x H): 23.3 x 23 x 11.3 cm
- Nett weight: .435 kg
- Tare weight: .183 kg

Outer Carton
- Gross weight: 12.8 kg
- Outer carton (L x W x H): 48.8 x 48.2 x 49.2 cm
- Nett weight: 1.728 kg
- Tare weight: 11.072 kg

Packaging dimensions
- Packaging dimensions (W x H x D): 11.7 x 15.7 x 4.2 cm
- Gross weight: .072 kg
- Nett weight: .018 kg
- Tare weight: .054 kg

Highlights

24k Gold-plated plug
Rest assured that the precious metal gold finishing on the plug will give you a more reliable connection for better quality audio.

CCAW voice coil
By using top-quality Copper Cladded Aluminium Wire (CCAW) in the headphone driver's voice coil, the sound quality is considerably improved.

Neodymium magnet
Neodynium is the best material for producing a strong magnetic field for greater sensitivity in a voice coil, better bass response and higher overall sound quality.

Virtual Surround design
This Philips patented 'reflected-speaker' design creates a virtual surround sound effect that gives you the kind of 'out-of-head' audio experience that was previously only possible by using complicated time delay circuits and signal processors. It also makes using your headphones for extended periods far less tiring.

15 mm speaker driver
Small enough for optimum wearing comfort and big enough to deliver crisp, non-distorted sound, the 15 mm speaker driver is an ideal size for listening enjoyment.

Asymmetric cabling system
This simple yet highly effective solution to cable tangling works effectivly by enabling you to hang the cable behind your neck instead of under your chin.

1.2m cable
The ideal cable length to give you the freedom to put your audio device where you want.

Carrying Case
This case is the most convenient way to look after your headphones and prevent cable tangling when not in use.

Flexi-Grip design
A soft, flexible part protects the cable connection from damage that otherwise would occur due to repeated bending.

In-line volume control
Adjust the volume to your preferred level without having to go to the audio source unit.

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